



IDAHO DEPARTMENT  
OF HEALTH AND WELFARE

DIVISION OF  
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

January 16, 1996

CERTIFIED MAIL #P 875 704 945

Keith Keller  
Technical Services Manager  
Idaho Supreme Potatoes, Incorporated  
P.O. Box 246  
Firth, Idaho 83236

Re: Idaho Supreme Potatoes, Incorporated (Firth) -#9507-108-2  
Tier II Operating Permit (#011-00013)

Dear Mr. Keller:

On July 10, 1995, the Division of Environmental Quality (DEQ) received Idaho Supreme Potatoes, Inc.'s, Tier II Operating Permit (OP) application for their facility in Firth. On August 14, 1995, that application was determined complete. On October 27, 1995, a proposed Tier II OP was issued for public comment. Based on review of your application, state and federal rules and regulations, and the comments received, DEQ finds this project meets the provisions of IDAPA 16.01.01.400 (Rules for the Control of Air Pollution in Idaho). Therefore, I am pleased to enclose your Tier II OP (#011-00013) for the Idaho Supreme Potatoes, Inc., facility in Firth.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street - 10th Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

Please be advised that this Tier II OP is subject to permit application fees of five hundred dollars (\$500.00) in accordance with IDAPA 16.01.01.470. IDAPA 16.01.01.470 became effective on March 7, 1995. Information regarding the permit application fees will be sent to you shortly.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Brian R. Monson, Chief, Operating Permits Bureau, at (208) 373-0502.

Sincerely,

Orville D. Green  
Assistant Administrator  
Permits and Enforcement

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cc: G. Spinner, SEIRO  
Source File  
COF

<p style="text-align: center;"><b>STATE OF IDAHO AIR POLLUTION OPERATING PERMIT</b></p> <p style="text-align: center; margin-top: 50px;"><b>GENERAL INFORMATION</b></p>	<p><b>PERMIT NUMBER</b></p> <div style="display: flex; align-items: center; justify-content: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">1</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">1</div> <div style="margin: 0 5px;">-</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">1</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">3</div> </div> <div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> <div style="text-align: center;"> <p><b>AQCR</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">6</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">1</div> </div> <div style="text-align: center;"> <p><b>CLASS</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">2</div> </div> <div style="text-align: center;"> <p><b>SIC</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">2</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">3</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">4</div> </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>ZONE</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">2</div> </div> <div style="text-align: center;"> <p><b>UTM COORDINATE (km)</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">4</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">4</div> <div style="margin: 0 5px;">.</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">8</div> <div style="margin: 0 5px;">,</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">4</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">7</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">9</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">5</div> <div style="margin: 0 5px;">.</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">9</div> </div> </div>	
<p>1. <b>PERMITTEE</b> Idaho Supreme Potatoes, Incorporated</p>		
<p>2. <b>PROJECT</b> Operating Permit</p>		
<p>3. <b>ADDRESS</b> 614 E. 800 N. Goshen Hwy</p>	<p><b>TELEPHONE #</b> (208) 346-6841</p>	<p><b>COUNTY</b> Bingham</p>
<p>4. <b>CITY</b> Firth</p>	<p><b>STATE</b> Idaho</p>	<p><b>ZIP CODE</b> 83236-0246</p>
<p>5. <b>PERSON TO CONTACT</b> Keith Keller</p>	<p><b>TITLE</b> Technical Services Manager</p>	
<p>6. <b>EXACT PLANT LOCATION</b> Corner of Hwy 91 and 800 N. Goshen Hwy.</p>		
<p>7. <b>GENERAL NATURE OF BUSINESS &amp; KINDS OF PRODUCTS</b> Dehydrated Potato Processing Plant</p>		
<p>8. <b>GENERAL CONDITIONS</b></p> <p style="margin-top: 20px;">This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.400 and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be operated by this permit.</p> <p style="margin-top: 20px;">THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF OPERATION AND DESIGN INFORMATION MADE AVAILABLE TO THE DEPARTMENT. CHANGES IN DESIGN, OPERATION, OR EQUIPMENT, THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MUST BE APPROVED IN ADVANCE BY THE DEPARTMENT.</p>		
<p style="text-align: center;"><i>Phillip D. Green</i></p> <hr style="width: 100%;"/> <p><b>ASSISTANT ADMINISTRATOR</b> <b>DIVISION OF ENVIRONMENTAL QUALITY</b></p>		<p style="text-align: right;">ISSUED <u>January 16, 1996</u> DATE</p> <p style="text-align: right;">EXPIRES <u>January 16, 2001</u> DATE</p>

## AIR POLLUTION OPERATING PERMIT

## PERMIT NUMBER

## PERMITTEE AND LOCATION

Idaho Supreme Potatoes, Inc.  
Tier II Operating Permit  
Firth, Idaho

011 - 00013

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

## SOURCE

Process, General

## 1. SOURCE DESCRIPTION

1.1 Process Description

The Idaho Supreme Potatoes facility is a potato processing facility which dehydrates potatoes to form slices and flakes. The potato by-products are used in dog food and cattle feed. There are three (3) processing lines:

- 1.1.1 Main Line;
- 1.1.2 Line C; and
- 1.1.3 Slice Line.

Initially, potatoes are received at the plant on trucks and are unloaded across pilers into temporary storage bins. They are taken as needed from the bins for the process using cold water to transport and wash the potatoes. The potatoes then enter one of the process lines mentioned above. The product produced is bagged and shipped or is stored in the six (6) product storage silos at the plant site.

The facility utilizes natural gas fuel burning equipment for the generation of process steam, heating, and drying.

Point source emissions from the facility are from fuel burning equipment such as the boilers, space heaters, gas fired dryers, dust from baghouses, and on-site diesel fuel storage. Fugitive particulate emissions are also generated by receiving, transfer of raw potatoes, and from paved roads.

## 2. OPERATING REQUIREMENTS

2.1 General Operating Requirements

- 2.1.1 The total raw potatoes processed shall not exceed a rate of 72,338 pounds per hour (lb/hr), or 250,000 tons per year (T/yr).
- 2.1.2 The total natural gas consumption of all fuel burning equipment shall not exceed 1,030 MMcf per year, on an annual rolling basis, and as per applicant's submittal.
- 2.1.3 The total #2 distillate fuel oil throughput shall not exceed 362,900 gallons per year.

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## SOURCE

Fuel Burning Equipment, Boilers

## 1. SOURCE DESCRIPTION

1.1 Process Description

Idaho Supreme Potatoes, Inc., has three (3) boilers to supply the facility's steam requirements. The Bigelow boiler retrofitted from coal to natural gas provides the operational steam for the plant. The Cleaver Brooks and Zurn Industries boilers are used as backup steam sources. The backup boilers are to be fired a period of two (2) hours per month for test purposes, but not to exceed fifty (50) hours per year.

1.2 Control Description

1.2.1 Emissions from Boilers are uncontrolled.

1.2.2 Emissions from the dryers and space heaters are uncontrolled.

1.3 Equipment Specification1.3.1 Boiler #1

Manufacturer -- Bigelow  
Maximum Heat Input Capacity Rate -- approximately 140 MMBTU per hour

1.3.1.1 Low NO<sub>x</sub> Burner

Manufacturer -- Coen  
Model No. -- CSI NOXMIXER size 34 (or equivalent)

1.3.2 Boiler #2

Manufacturer -- Cleaver Brooks  
Model No. -- WT200X-BR3  
Maximum Heat Input Capacity -- 43.03 MMBTU per hour

1.3.3 Boiler #3

Manufacturer -- Zurn Industries  
Model No. -- 11M-KEYSTONE  
Maximum Heat Input Capacity -- 57.02 MMBTU per hour  
Burner Type -- SAGO-24

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Firth, Idaho

011 - 00013

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## SOURCE

Fuel Burning Equipment, Boilers

## 2. EMISSION LIMITS

2.1 Boilers #1, #2, #32.1.1 Natural Gas Combustion

The particulate matter (PM) emission shall not exceed 0.015 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when natural gas is combusted (IDAPA 16.01.01.676). Emissions also shall not exceed any PM emission limit from the combustion of natural gas listed in Appendix A of this permit.

2.1.2 Other Criteria Pollutant Emissions

Emissions of nitrogen oxides (NO<sub>x</sub>), sulfur dioxide (SO<sub>2</sub>), carbon monoxide (CO), and volatile organic compounds (VOC) shall not exceed the pound per hour (lb/hr) and ton per year (T/yr) values listed in Appendix A of this permit.

2.1.3 Visible Emissions

Visible emissions from the exhaust stack shall not exceed twenty percent (20%) opacity over a period or periods aggregating more than three (3) minutes in any sixty (60) minute period in accordance with IDAPA 16.01.01.625. Opacity shall be determined using the Department's "Procedures Manual for Air Pollution Control".

2.1.4 Boilers #1; #2 Distillate Fuel Oil Combustion

The particulate matter (PM) emission shall not exceed 0.050 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when #2 distillate fuel oil is combusted (IDAPA 16.01.01.676). Emissions also shall not exceed any PM emission limit from the combustion of #2 distillate fuel oil listed in Appendix A of this permit.

## 3. OPERATING REQUIREMENTS

3.1 Fuel Throughput3.1.1 Boiler #1 Natural Gas

The maximum steam production from combustion of natural gas shall not exceed 159,570,000 pounds per quarter or 638,266,000 pounds per year on an annual rolling basis.

3.1.2 Boilers #1; #2 Distillate Fuel Oil

The maximum #2 distillate fuel oil throughput shall not exceed 362,900 gallons per year on an annual rolling basis.

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Tier II Operating Permit  
Firth, Idaho

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## SOURCE

Fuel Burning Equipment, Boilers

### 3.1.3 Boilers #2 and #3: Monthly Testing

The Permittee shall operate the boilers for a period of two (2) hours per month for testing purposes.

### 3.1.4 Boilers #2 and #3: Yearly Operation

The Permittee shall operate the boilers for a period not to exceed fifty (50) hours per calendar year including the monthly testing.

## 3.2 System Operation

The Permittee shall install, maintain, and operate the boiler and burner according to the manufacturer's specifications.

## 3.3 Sulfur Content of #2 Distillate Fuel Oil

The Permittee shall not use any distillate fuel oil containing more than one-half percent (0.5%) sulfur by weight in accordance with IDAPA 16.01.01.728.02.

# 4. MONITORING REQUIREMENTS

## 4.1 Operation Parameters Monitoring

The Permittee shall record the following parameters in a quarterly log to verify compliance with Sections 3.1, 3.2, and 3.3 of this permit. The log shall be kept at the facility for a minimum period of two (2) years and shall be made available to Department representatives upon request.

4.1.1 Calendar date and natural gas burned, in standard cubic feet (scf) per quarter and per year; and

4.1.2 #2 distillate fuel oil burned, in gallons per quarter and per year.

## 4.2 Monitoring Sulfur Content of #2 Distillate Fuel Oil

The Permittee shall maintain at the facility fuel receipts from the supplier which certify that the sulfur content of the #2 distillate fuel oil meets the requirements of Section 3.3 of this permit. These records shall be kept at the facility for a minimum period of two (2) years and shall be made available to Department representatives upon request.

# 5. REPORTING REQUIREMENTS

## 5.1 Exceedence Reporting of Operational Parameters

The Permittee shall submit a written report to the Department of any exceedence of the parameters specified in Sections 2 and 3 of this permit. The report must be postmarked within five (5) days of the occurrence of the exceedence(s).

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Firth, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

## SOURCE

Fuel Burning Equipment, Boilers

5.2 Certification of Documents

All documents, including, but not limited to, progress reports, records, monitoring data, supporting information requested for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certification shall provide the signature and title of the responsible official and the date of the signature.

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## AIR POLLUTION OPERATING PERMIT

## PERMIT NUMBER

## PERMITTEE AND LOCATION

Idaho Supreme Potatoes, Inc.  
Tier II Operating Permit  
Firth, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

## SOURCE

Fuel Burning Equipment, Dryers

## 1. SOURCE DESCRIPTION

1.1 Process Description

The Stage A, Stage B, Stage C, and secondary dryers are natural gas fired. These dryers are used to dehydrate the potatoes to the products desired.

1.2 Equipment Specifications1.2.1 Dryer Stage A

Manufacturer -- National  
Model No. -- MAXON NP-1  
Maximum Heat Input Capacity -- 8.0 MMBTU per hour  
Burner Type -- Horizontally Fired

1.2.2 Dryer Stage B

Manufacturer -- National  
Model No. -- MAXON NP-1  
Maximum Heat Input Capacity -- 3.20 MMBTU per hour  
Burner Type -- Horizontally Fired

1.2.3 Dryer Stage C

Manufacturer -- National  
Model No. -- MAXON NP-1  
Maximum Heat Input Capacity -- 3.2 MMBTU per hour  
Burner Type -- Horizontally Fired

1.2.4 Secondary Dryer

Manufacturer -- Maxon  
Model No. -- 405 OVENPAK  
Maximum Heat Input Capacity -- .55 MMBTU per hour  
Burner Type -- Horizontally Fired

## 2. EMISSION LIMITS

2.1 Particulate Emissions2.1.1 Natural Gas Combustion

The particulate matter (PM) emission shall not exceed 0.015 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when natural gas is combusted (IDAPA 16.01.01.676). Emissions also shall not exceed any PM emission limit from the combustion of natural gas listed in Appendix A of this permit.

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Firth, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

## SOURCE

Fuel Burning Equipment, Dryers

2.2 Other Criteria Pollutant Emissions

Emissions of nitrogen oxides (NO<sub>x</sub>), sulfur dioxide (SO<sub>2</sub>), carbon monoxide (CO), and volatile organic compounds (VOC) shall not exceed the pound per hour (lb/hr) or the ton per year (T/yr) values listed in Appendix A of this permit.

2.3 Visible Emissions

Visible emissions from the exhaust stack shall not exceed twenty percent (20%) opacity over a period or periods aggregating more than three (3) minutes in any sixty (60) minute period in accordance with IDAPA 16.01.01.625. Opacity shall be determined using the Department's "Procedures Manual for Air Pollution Control".

## 3. OPERATING REQUIREMENTS

3.1 Operating Hours3.1.1 Yearly Operation

The Permittee shall operate the dryer for a period not to exceed 6,912 hours per year on an annual rolling basis.

## 4. MONITORING REQUIREMENTS

4.1 Operation Parameters Monitoring

The Permittee shall record the following parameters in a quarterly log to verify compliance with Section 3.1 of this permit. The log shall be kept at the facility for a minimum period of two (2) years and shall be made available to Department representatives upon request.

## 4.1.1 Calendar date and time that the dryer was in operation.

## 5. REPORTING REQUIREMENTS

5.1 Exceedence Reporting of Operational Parameters

The Permittee shall submit a written report to the Department of any exceedence of the parameters specified in Sections 2 and 3 of this permit. The report must be postmarked within five (5) days of the occurrence of the exceedence(s).

5.2 Certification of Documents

All documents, including, but not limited to, progress reports, records, monitoring data, supporting information requested for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certification shall provide the signature and title of the responsible official and the date of the signature.

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Firth, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

## SOURCE

Fuel Burning Equipment, Space Heaters

## 1. SOURCE DESCRIPTION

1.1 Process Description

The industrial space heating units consist of three (3) specific units and an aggregate of several small units.

1.2 Equipment Specifications1.2.1 Industrial Space Heat South

Manufacturer -- Maxon  
Model No. -- MAXON NP-1  
Maximum Heat Input Capacity -- 8.25 MMBTU per hour  
Burner Type -- Horizontally Fired

1.2.2 Industrial Space Heat North

Manufacturer -- Maxon  
Model No. -- MAXON NP-1  
Maximum Heat Input Capacity -- 8.25 MMBTU per hour  
Burner Type -- Horizontally Fired

1.2.3 Industrial Space Heat East

Manufacturer -- Maxon  
Model No. -- MAXON NP-1  
Maximum Heat Input Capacity -- 15.4 MMBTU per hour  
Burner Type -- Horizontally Fired

1.2.4 Industrial Space Heat Aggregate

Manufacturer -- Various  
Model No. -- Various  
Maximum Heat Input Capacity -- 2.06 MMBTU per hour (Combined)  
Burner Type -- Horizontally Fired

## 2. EMISSION LIMITS

2.1 Particulate Emissions2.1.1 Natural Gas Combustion

The particulate matter (PM) emission shall not exceed 0.015 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when natural gas is combusted. Emissions also shall not exceed any PM emission limit from the combustion of natural gas listed in Appendix A of this permit.

ISSUED: January 16, 1996  
EXPIRES: January 16, 2001

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Tier II Operating Permit  
Firth, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

## SOURCE

Fuel Burning Equipment, Space Heaters

2.2 Other Criteria Pollutant Emissions

Emissions of nitrogen oxides (NO<sub>x</sub>), sulfur dioxide (SO<sub>2</sub>), carbon monoxide (CO), and volatile organic compounds (VOC) shall not exceed the pound per hour (lb/hr) or ton per year (T/yr) values listed in Appendix A of this permit.

2.3 Visible Emissions

Visible emissions from the exhaust stack shall not exceed twenty percent (20%) opacity over a period or periods aggregating more than three (3) minutes in any sixty (60) minute period in accordance with IDAPA 16.01.01.625. Opacity shall be determined using the Department's "Procedures Manual for Air Pollution Control".

## 3. OPERATING REQUIREMENTS

3.1 Operating Hours3.1.1 Yearly Operation

The Permittee shall operate each stack heater for a period not to exceed 6,048 hours per year on an annual rolling basis.

## 4. MONITORING REQUIREMENTS

4.1 Operation Parameters Monitoring

The Permittee shall record the following parameters in a quarterly log to verify compliance with Section 3.1 of this permit. The log shall be kept at the facility for a minimum period of two (2) years and shall be made available to Department representatives upon request.

4.1.1 Calendar date and time that the space heater was in operation.

## 5. REPORTING REQUIREMENTS

5.1 Exceedence Reporting of Operational Parameters

The Permittee shall submit a written report to the Department of any exceedence of the parameters specified in Sections 2 and 3 of this permit. The report must be postmarked within five (5) days of the occurrence of the exceedence(s).

5.2 Certification of Documents

All documents, including, but not limited to, progress reports, records, monitoring data, supporting information requested for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certification shall provide the signature and title of the responsible official and the date of the signature.

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## SOURCE

Process, Dehydration Lines

## 1. SOURCE DESCRIPTION

1.1 Process Description

Initially, potatoes are received at the plant by trucks and are unloaded across pilers into storage bins. They are taken as needed from the bins for processing using cold water for washing and transporting the potatoes. The potatoes are processed into two (2) forms: dry flakes used for instant mashed potatoes or as ingredients in other products, and slice/dice used for au gratin dry boxed potatoes.

The potatoes are held in a surge bin and released at a metered rate for proper slicing. The slices are blanched, dried, inspected, and packaged.

The potatoes used to produce flakes after peeling are riced, forced through slots and broken into smaller pieces like mash, and placed on dehydration rolls. The potato mash is applied on the rollers as a thin sheet. The dried potato sheets are cut off the drum and broken into pieces (flakes). The flakes are milled, inspected, and packaged.

## 2. EMISSION LIMITS

2.1 Particulate Emissions

The particulate emissions for the process lines are based on a confidential material balance submitted by the applicant. The material balance was based on the solids of raw product entering the process less the solids of all produces produced, solids in mash, solids in slurry, and solids in land application.

2.1.1 Particulate limit

The particulate limit is based on an annual maximum throughput of 500,000,000 pounds of raw potatoes processed each year. Based on the material balance of solids, the distribution of product will be as follows: 63.25% flakes; 5.71% slices; 0.44% flake dog food; 0.39% pulsaire; 0.16% dry dog food; 2.95% mash; 8.14% slurry; 18.92% waste to field; 0.04% air emissions. The particulate matter limit is based on the requested limit in the permit application. This limit is listed in Appendix A.

2.2 Visible Emissions

Visible emissions from the exhaust stack shall not exceed twenty percent (20%) opacity over a period or periods aggregating more than three (3) minutes in any sixty (60) minute period in accordance with IDAPA 16.01.01.625. Opacity shall be determined using the Department's "Procedures Manual for Air Pollution Control".

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

## SOURCE

Process, Dehydration Lines

## 3. OPERATING REQUIREMENTS

3.1 Operating Hours3.1.1 Yearly Operation

The Permittee shall operate the process lines for a period not to exceed 6,912 hours per year on an annual rolling basis.

## 4. MONITORING REQUIREMENTS

4.1 Operation Parameters Monitoring

The Permittee shall record the following parameters in a rolling annual log to verify compliance with Section 3.1 of this permit. The log shall be kept at the facility for a minimum period of two (2) years and shall be made available to Department representatives upon request.

4.1.1 Calendar date, time, and throughput that the process lines were in operation. These records shall be kept as a rolling annual total.

## 5. REPORTING REQUIREMENTS

5.1 Exceedence Reporting of Operational Parameters

The Permittee shall submit a written report to the Department of any exceedence of the parameters specified in Sections 2 and 3 of this permit. The report must be postmarked within five (5) days of the occurrence of the exceedence(s).

5.2 Certification of Documents

All documents, including, but not limited to, progress reports, records, monitoring data, supporting information requested for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete. The certification shall provide the signature and title of the responsible official and the date of the signature.

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APPENDIX A

IDAHO SUPREME POTATOES, INCORPORATED

EMISSION LIMITS<sup>a</sup> -- HOURLY (lb/hr) AND ANNUAL<sup>b</sup> (ton/yr)

PROCESS DESCRIPTION	PM		SO <sub>2</sub>		CO		NO <sub>x</sub>		VOC	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Bigelow Boiler NG	1.39	4.79	0.07	0.23	6.76	23.36	8.97	31.02	0.19	0.65
Bigelow Boiler Diesel	2.52	0.36	8.95	1.29	6.26	0.91	25.20	3.63	0.25	0.04
Other Natural Gas Sources:										
Cleaver Brooks										
Zurn Industries										
Stage A Dryer										
Stage B Dryer										
Stage C Dryer										
Secondary Dryer										
Space Heater North										
Space Heater South										
Space Heater East										
Misc. Space Heaters										
Aggregate Total	0.47	1.9	0.05	0.15	1.15	3.97	5.0	17.25	0.27	0.92
Aggregate Dehydration Processes <sup>c</sup>	14.47	50.0								

- a As determined by a pollutant specific promulgated U.S. EPA method, or Department approved alternative, or as determined by Department's emission estimation methods used in this permit analysis.
- b As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the actual hours per year that the process operates.
- c As requested by the applicant, Idaho Supreme Potatoes, Incorporated.

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**OPERATING PERMIT GENERAL PROVISIONS**

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the **Rules for the Control of Air Pollution in Idaho**, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The Permittee shall at all times (except as provided in the **Rules for the Control of Air Pollution in Idaho**) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
  - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 39-111, **Idaho Code**, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environmental Quality.
- E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. If emission testing is specified, the Permittee must schedule such testing within sixty (60) days after achieving the maximum production rate, but not later than one hundred and eighty (180) days after initial startup. Such testing must strictly adhere to the procedures outlined in the Department's **Procedures Manual for Air Pollution Control**, and will not be conducted on weekends or state holidays. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment. The Department shall be notified at least fifteen (15) working days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the Department upon request.
- The performance tests will be performed at the maximum production rate. If this maximum rate is not achieved during testing, the allowable production rate will be limited to the production rate attained during testing.
- G. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.

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- H. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- I. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.
- J. The Permittee shall provide the Department a minimum of ten (10) working days' notice prior to the scheduled date of any emissions test required pursuant to this permit. The Permittee shall notify the Air Quality Bureau of any change in the testing schedule and shall provide at least one (1) working day's notice prior to conducting any rescheduled test. Any records or data generated as a result of such compliance tests shall be made available to the Department upon request.
- K. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
- L. Operation information shall include daily and annual hours of operation, and process throughput rate(s) as applied to development of permit conditions.
- M. Equipment replacement shall not constitute a modification pursuant to IDAPA 16.01.01.200 of the Rules for the Control of Air Pollution in Idaho only if the Permittee operates the replacement equipment in accordance with the requirements of this permit.
- N. Any records of performance tests, and any other information collected to ascertain whether limits of this permit are being met shall be kept in an easily accessible location at the permitted facility for at least two (2) years.

The Permittee shall submit a test protocol for each performance test conducted on equipment listed in this permit. The protocol shall be submitted to the Department for approval at least thirty (30) days prior to each test date. Each performance test report, including any required process data, shall be submitted to the Department within thirty (30) days of the date on which the performance test is conducted.

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